

AMENDMENTS TO THE CLAIMS

Claims 1-33 (Canceled)

Claim 34 (Currently Amended) ~~The optical switch device according to claim 33;~~ An optical switch device comprising:

an optical switch having a moveable section for switching;

a monitor section that monitors emitted light from said optical switch; and

an operation control section for adjusting a control condition of switching of said optical switch by controlling said moveable section for switching in response to a monitoring signal from said monitor section;

wherein said moveable section for switching comprises optical signal introduction means that inputs an optical signal to said optical switch;

said monitor section comprises optical signal output means comprising an optical signal distribution section, and a monitor;

said optical signal distribution section distributes and outputs said optical signal output from said optical switch to outside said monitor and the optical switch device;

wherein said optical signal introduction means comprises a monitoring signal output source and a signal synthesizing section;

said signal synthesizing section inputs said input optical signal and monitoring signal output from said monitoring signal output source to said optical switch after converting these into a single synthesized signal; and

said optical signal distribution section comprises a filter that extracts only said optical signal from said synthesized signal output from said optical switch and outputs ~~this~~ said optical signal to outside the optical switch device.

Claim 35 (Original) The optical switch device according to claim 34, wherein the operation of said monitoring signal output source is controlled by said operation control section.

Claim 36 (Canceled)

Claim 37 (Currently Amended) ~~The optical switch device according to claim 36;~~ An optical switch device comprising:

an optical switch having a moveable section for switching;

a monitor section that monitors emitted light from this optical switch; and

an operation control section for adjusting a control condition of switching of said optical switch by controlling said moveable section for switching in response to a monitoring signal from said monitor section;

wherein said optical switch comprises a first optical switch and second optical switch;

said moveable section for switching comprises first optical signal introduction means and second optical signal introduction means mutually of the same construction for inputting optical signals to said first optical switch and said second optical switch;

said monitor section comprises first optical signal output means and second optical signal output means mutually of the same construction;

said first and second optical signal output means respectively comprise an optical signal distribution section and a monitor;

said optical signal distribution section distributes and outputs said optical signal output from said optical switch to outside said monitor and the optical switch device;

wherein said first and second optical signal introduction means respectively comprise a monitoring signal output source and signal synthesizing section;

said signal synthesizing section inputs the monitoring signal that is output from said monitoring signal output source and said optical signal ~~that is~~ input to said optical switch device to said first and second optical ~~switches~~ ~~switch~~ after converting them into a single synthesized signal; and

said first and second optical signal output means comprises a filter that extracts only said optical signal from said synthesized signal output from said optical signal distribution section for outputting ~~this~~ said optical signal to outside the optical switch device.

Claim 38 (Original) The optical switch device according to claim 37, wherein the operation of said monitoring signal output source is controlled by said operation control section.